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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Andeas Bögel  
Jorg Seeger  
Hans-Achin Kuhn  
John F. Breedis  
Ronald N. Caron  
Derek E. Tyler

Docket: 102147-300

Serial No.: 10/782,019

Art Unit: 1742

Filed: February 19, 2004

Examiner: Not Yet Known

Assignee: Olin Corporation  
Wieland-Werke AG

Conf. No. 5415

Title: SILVER CONTAINING COPPER ALLOY

**INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, please find enclosed an Information Disclosure Statement, Form PTO-1449 and one copy of each cited reference. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

**CERTIFICATE OF MAILING OR TRANSMISSION (37 CFR 1.8(a))**

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being:

- ☒ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
- ☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office via facsimile at (571) 273-8300.

October 17, 2005

Signed: 

Gregory S. Rosenblatt

- ☒ 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. Each item of information contained on Form PTO-1449 filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(1); and no fee is required under 37 C.F.R. §1.17(p).
- ☐ b. No item of information cited on Form PTO-1449 filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2); and no fee is required under 37 C.F.R. §1.17(p).
- ☐ Please charge Deposit Account No. 23-1665 in the amount of \$180.00 in payment of the fee under 37 C.F.R. §1.17(p). Two additional copies of this Information Disclosure Statement are enclosed.
- ☐ A check in the amount of \$180.00 is attached hereto in payment of the fee under 37 C.F.R. §1.17(p).
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. It is hereby requested that the Information Disclosure Statement be considered.

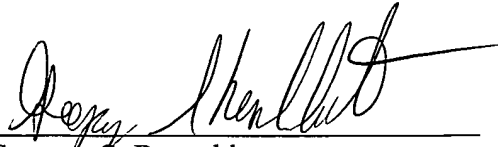
- ☐ a. Each item of information contained on Form PTO-1449 filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
- ☐ b. No item of information cited on Form PTO-1449 filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
- ☐ Please charge Deposit Account No. 23-1665 in the amount of \$180.00 in payment of the fee under 37 C.F.R. §1.17(p). Two additional copies of this Information Disclosure Statement are enclosed.
- ☐ A check in the amount of \$180.00 is attached hereto in payment of the fee under 37 C.F.R. §1.17(p).

The undersigned represents that the closest art of which he is presently aware has been cited herein and understands that this statement shall not be construed as a representation that no better art exists or that a thorough patentability search has been made.

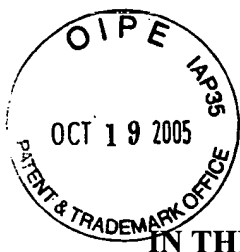
The undersigned further represents that the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

Respectfully submitted,  
Andreas Bögel, et al.

Date: October 17, 2005

  
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Gregory S. Rosenblatt  
Reg. No. 32,489

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Andreas Bögel Jorg Seeger Hans-Achin Kuhn John F. Breedis Ronald N. Caron Derek E. Tyler	Docket:	102147-300
Serial No.:	10/782,019	Art Unit:	1742
Filed:	February 19, 2004	Examiner:	Not Yet Known
Assignee:	Olin Corporation Wieland-Werke AG	Conf. No.	5415
Title:	SILVER CONTAINING COPPER ALLOY		

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, Applicant wishes to make of record the items on attached PTO Form 1449 which were cited by the Japanese Patent Office (JPO) during examination of a corresponding Japanese patent application. The Official Action was mailed by the JPO on August 26, 2005. The relevancy of the documents is that they were cited in the Examination Report of a corresponding foreign patent application. An explanation of the relevancy of each document is provided by the JPO Examiner in the Official Action, a copy of which is enclosed. Copies of the international patents and published patent applications, including other documents, are provided in accordance with 37 CFR §1.98.

1. GB2311297 was published on September 24, 1997. The Applicant is Nippon Mining & Metals Company Limited.

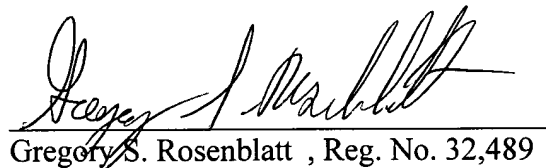
2. JP03-188246 was published on August 16, 1991. The Applicant is Nippon Mining Co.
3. JP05-051672 was published on March 2, 1993. The Applicant is Nippon Mining Co.
4. JP09-316569 was published on December 9, 1997. The Applicant is Dowa Mining Co.
5. U.S. Patent No. 4886641, which issued December 12, 1989 to Iwamura et al.

JP-A-63-103041, cited in the Official Action as reference D1 corresponds to United States Patent Numbers 4678637 and 4810468, both of which are of record in the present patent application.

The undersigned represents that the closest art of which he is presently aware has been cited herein and understands that this statement shall not be construed as representation that no better art exists or that a thorough patentability search has been made.

Respectfully submitted,  
Andreas Bögel et al.

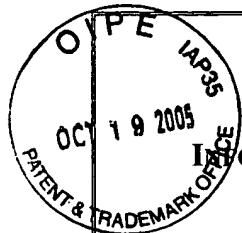
Date: October 17, 2005



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INFORMATION DISCLOSURE	ATTY. DOCKET NO. 102147-300	SERIAL NO. 10/782019	
	APPLICANT(S): ANDREAS BÖGEL, ET AL.		
	FILING DATE: FEBRUARY 19, 2004	GROUP ART: 1742	CONF NO: 5415

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NO.	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPR.
	4886641	12/89	Iwamura et al.	420	470	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NO.	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	GB2311297	09/1997	Great Britain			YES
	JP3-188246	08/1991	Japan			NO
	JP5-051672	03/1993	Japan			NO
	JP9-316569	12/1997	Japan			NO

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)


EXAMINER:	DATE CONSIDERED:
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.